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List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Development of Graphene Quantum Dots-Based Optical Sensor for Toxic Metal Ion Detection. <i>Sensors</i> , 2019, 19, 3850.	3.8	76
2	Development of a Graphene-Based Surface Plasmon Resonance Optical Sensor Chip for Potential Biomedical Application. <i>Materials</i> , 2019, 12, 1928.	2.9	62
3	Optical and surface plasmon resonance sensing properties for chitosan/carboxyl-functionalized graphene quantum dots thin film. <i>Optik</i> , 2019, 178, 802-812.	2.9	47
4	Development of Biopolymer and Conducting Polymer-Based Optical Sensors for Heavy Metal Ion Detection. <i>Molecules</i> , 2020, 25, 2548.	3.8	46
5	Optical properties of chitosan/hydroxyl-functionalized graphene quantum dots thin film for potential optical detection of ferric (III) ion. <i>Optics and Laser Technology</i> , 2019, 120, 105724.	4.6	40
6	Enhancing the sensitivity of a surface plasmon resonance-based optical sensor for zinc ion detection by the modification of a gold thin film. <i>RSC Advances</i> , 2019, 9, 41729-41736.	3.6	26
7	Investigating the Properties of Cetyltrimethylammonium Bromide/Hydroxylated Graphene Quantum Dots Thin Film for Potential Optical Detection of Heavy Metal Ions. <i>Materials</i> , 2020, 13, 2591.	2.9	24
8	Highly sensitive surface plasmon resonance optical detection of ferric ion using CTAB/hydroxylated graphene quantum dots thin film. <i>Journal of Applied Physics</i> , 2020, 128, 083105.	2.5	22
9	Glucose detection by gold modified carboxyl-functionalized graphene quantum dots-based surface plasmon resonance. <i>Optik</i> , 2021, 239, 166779.	2.9	15
10	Cationically Modified Nanocrystalline Cellulose/Carboxyl-Functionalized Graphene Quantum Dots Nanocomposite Thin Film: Characterization and Potential Sensing Application. <i>Crystals</i> , 2020, 10, 875.	2.2	14
11	Detection of mercury ion using surface plasmon resonance spectroscopy based on nanocrystalline cellulose/poly(3,4-ethylenedioxythiophene) thin film. <i>Measurement: Journal of the International Measurement Confederation</i> , 2021, 182, 109728.	5.0	13
12	Surface refractive index sensor based on titanium dioxide composite thin film for detection of cadmium ions. <i>Measurement: Journal of the International Measurement Confederation</i> , 2022, 187, 110287.	5.0	12
13	Exploration on Structural and Optical Properties of Nanocrystalline Cellulose/Poly(3,4-Ethylenedioxythiophene) Thin Film for Potential Plasmonic Sensing Application. <i>Photonics</i> , 2021, 8, 419.	2.0	4